Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 28 Dec 2020 until 23:59 on Tuesday 29 Dec 2020

Forecast Issued on Sunday 27 Dec 2020 at 13:56

Confidence: High for cold conditions throughout the period but lower confidence for details regarding snow showers.

Headline for Monday 28 Dec 2020: Bright or sunny spells, but cold with a few sleet or snow showers.

Mountain weather hazards on Monday 28 Dec 2020

Blizzards Low Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light snow showers (night)	Fog	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
30%	40%	30%	20%	20%	20%	10%	30%

Forecast for Monday 28 Dec 2020

Weather: Some clear spells overnight but generally cloudy with a scattering of showers, these of snow down to 300m with some fresh lying snow, with risk of a few heavy and perhaps thundery showers. Cloud tending to become more broken in the morning, then bright or sunny spells but still the odd snow shower. Cold.

Chance of cloud free mountain/hill tops above 600m: 30% at first with extensive cloud above 500m. Becoming 80% through the morning with cloud lifting and breaking, leaving occasional cloud on the tops in the afternoon.

Visibility: Good or very good, but poor or very poor on high ground in snow showers

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 28 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 SW	12/17 S	11/15 SE	11/15 E	10/15 E	9/13 NE	8/13 NE	11/17 N	11/18 N
300	10/15 SW	10/16 S	8/14 SE	7/12 E	8/13 N	6/10 N	6/11 N	8/14 N	7/12 NW
Valley	7/15 S	6/15 SE	7/13 E	8/15 E	7/13 N	5/10 N	5/11 NE	6/13 N	4/11 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-7	-2/-7	-2/-7	-2/-7	-2/-7	-2/-6	-2/-6	-2/-8	-2/-7
300	0/-4	0/-4	-0/-4	-0/-4	0/-3	1/-2	0/-3	-0/-4	-0/-4
Valley	1/-2	-0/-3	-0/-4	-0/-4	1/-2	1/-2	0/-3	-0/-4	-0/-3
Freezing Level*	300m	200m	100m	100m	200m	300m	200m	200m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A severe chill is possible over the tops, despite relatively light winds. Fresh lying snow above 300m and icy areas will add extra difficulty to conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 27 Dec 2020	25.6mm	27.4mm	27.4mm

Forecast for Tuesday 29 Dec 2020

Weather: Becoming cloudier overnight with a spell of sleet and snow, but mostly clearing by morning, then a bright day with some sunny spells, but cold with the odd snow shower.

Maximum wind: Northwest 20 gust 30mph, but 25-30 gust 40mph at times over higher tops, especially in or near showers

Chance of cloud free mountain/hill tops above 600m: 30% overnight with quiet extensive cloud down to 400m, then 70% with more broken cloud above 500m

Visibility: Good or very good away from showers, but very poor at height in showers

Temperature: **Valleys:** Minus 1 C to plus 2 C, with frost persisting in some valleys throughout
At 600m: Minus 4 C
Freezing level: 400m

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